

## Rep\_\_dic of the Philippines EASTERN VISAYAS STATE UNIVERSITY Tacloban City



### BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

Curriculum Checklist

Effective First Semester, SY 2021-2022

CHED Memorandum Order No. 17, s. 2017

EVSU Board of Regents Resolution No. 87, s. 2022

#### Policies and Guidelines

1. College of Engineering RETENTION POLICY as per EVSU Board Resolution 110 s. 2009

#### A. SCHOLASTIC DELINQUENCY

 A student who, at the end of the semester, obtains a failing grade in one (1) of the subjects for which he has registered will receive a FIRST WARNING from the Dean through the recommendation of the Head, to improve his work.

A student will receive a FINAL WARNING and be given a Probationary Status from the Dean through the recommendation of the Head
if:

i. at the end of the semester, he obtains a failing grade in two (2) of the subjects in which he has final grades;

ii. he failed two (2) times successive in the same subject.

A student who receives a FINAL WARNING shall have his load for the succeeding semester limited to the extent which shall be determined by the Dean through the recommendation of the Head and may undergo counseling either by the Guidance counselor or academic adviser or both

A student who receives a FINAL WARNING shall have his load for the succeeding semester limited to the extent which shall be determined by the Dean through the recommendation of the Head and may undergo counseling either by the Guidance counselor or academic adviser or both

Any student who has received two successive warnings shall be placed on probation. Probation may be lifted the following semester if the student passes all his subjects in whom he/she has final grades.

A "First or Final Warning" may be removed by passing with grades of "3.0" or "Better" in all of the subjects he is registered during the succeeding semester.

- A student shall be DISMISSED from the college if:
  - a. At the end of the semester, he failed in three (3) or more of the subjects in which he has final grades;
  - b. He failed three times successively in the same subject;

A student shall be DISMISSED from the college if:

- c. Failed to earn a grade of 3.0 or better in all of the subjects he is registered while he is on Probationary Status. However, he/she may be readmitted to another College of the University to which He/She qualifies.
- d. The Student earns an accumulated failing grades of 18 units or more at the end of any semester from 1st year to 3rd year

A student shall be DISMISSED from the college if:

e. If a student in the 4th and 5th year fails 9 units in a semester, he/she will only be accepted after seeking approval from the college Dean; those with accumulated failures of 18 units need to submit Program of Study subject to approval of the Dean

A student who is admitted into the College must pass all his deficiencies in the Mathematics, Chemistry, Physics, and English courses within three school years of actual residence in the University.

#### NOTE:

- If a student fails a subject but re-enrolls it and receives a grade of 2.5 or higher during the latter semester, the original failure will not be counted in the accumulation.
- A student who gets disqualified in the college of engineering may be readmitted in other college provided they meet the admission requirements and his abilities fit for that program upon the recommendation of the Guidance Counselor and Dean of the College he is enrolled in.
- Dismissal does not apply to cases where, on the recommendation of the faculty concerned, he certifies that the grade of "5.0" were due
  to the students unauthorized dropping of the subjects and not to poor scholarship.
- However, if the unauthorized withdrawal takes place after the mid-semester and the student's class standing is poor, his grades of "5.0" shall be counted against him for the purpose of this scholarship rule. The Dean shall deal with those cases on their individual services; provided, that in no case of readmission to the same College shall the action be lighter than "Final Warning".

"Building Globally Competitive Professionals"



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EVSU Board of Regents Resolution No. 87, s. 2028

- Grades of "Inc." must be completed and grades of "conditional failure" removed before the close of registration for the first semester of the next school year to be credited.
- For definition, a school year will consist of two semesters and one summer session.
- One semester will be equivalent to 3/7 of a school year, and one summer will be equivalent to 1/7 of a school year

Prepared by:

ASUNCION RAQUEL N. TABOSO-CASIO Head, Chemical Engineering Department

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Dean, College of Engineering



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## BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

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EVSU Board of Regents Resolution No. 87, s. 2028

#### FIRST YEAR (First Semester)

GRADE	COURSE NO.	DESCRIPTIVE TITLE	NO. OF HO	URSWEEK	***************************************	PRE-REQUISITES and CO
THE PARTY OF THE P	MATH 113	Professional Confession Confessio	LEC	LAB	UNITS	REQUISITES
Phone and institute of the state of the		College Algebra	3	0	3	None
MONTH CONTROL OF THE PROPERTY OF THE	MATH 133	Plane and Spherical Trigonometry	3	0	No.	Contraction of the Contraction o
	MATH 112	Solid Mensuration	2	· · · · · · · · · · · · · · · · · · ·	3	None
	MATH 153	Analytic Geometry	L.	V	2	None
	CHEM 114	Control of the Contro	3	0	3	None
and the second section of the second second	DRR 113	Chemistry for Engineers**	3	3	4	None
	Annual Control of the	Disaster Risk Reduction and Education in Emergencies	3	0	3	None
	GEN ED 002	Understanding the Self	3	0	2	The state of the s
	PE 112	(PATHFIT) Movement Competency Training	2			None
	NSTP 113	CWTS, LTS, MTS (Naval or Air Force)		V	2	None
······································	THE REPORT OF THE PROPERTY OF		3	0	3	None
	Make: ##	Course with laboratory fee	25	3	26	

FIRST YEAR (Second Semester)

GRADE	COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS/WEEK		The state of the s	PRE-REQUISITES and CO
	CONTROL OF MARKET CONTROL OF CONTROL OF SECURITIES AND		LEC	LAB	UNITS	REQUISITES
	MATH 124	Calculus 1	4	0	4	MATH 113, MATH 133,
	GEN ED 001	Purposive Communication	3			MATH 112, MATH 153
	CHE 125	Analytical Chemistry**	3	L. L.	3	NONE
	GEN ED 007	A CONTRACTOR OF THE PROPERTY O	4	3	5	CHEM 114
New Constitution of the Co	COMP 121	The Contemporary World	3	0	3	NONE
THE COMMENT OF THE PARTY AND ADDRESS.	Material Street Control of Contro	Computer Fundamentals & Programming*	0	3	4	NONE
and the second second second second	GEN ED 004	Mathematics in the Modern World	3	~ -		ACTION OF THE PROPERTY OF THE
	PE 122	(PATHFIT) Fitness Training		<u> </u>	3	NONE
	NSTP 123	CWTS, LTS. MTS (Naval and Air Force)	4	0 1	2	NONE
	THOU I LEVE	The state of the s	3	0	3	NSTP 113
water production company of		Comp. Course with computer fee, **Course with laboratory fee.	22	6	24	

FIRST YEAR (Mid-Year)

GRADE COURSE NO.	RSE NO. DESCRIPTIVE TITLE	NO. OF HOURS/WEEK		* ** ****	PRE-REQUISITES and CO-	
	ASSTILLA		LEC	LAB	UNITS	REQUISITES
	MATH 104	Calculus 2	4	0	A	MATH 124
noncommunication and all	PHYS 104	Physics for Engineers	1	3	A	MODEL CONTRACTOR OF THE PROPERTY OF THE PROPER
		TOTAL		-	4	MATH 124

SECOND YEAR (First Semester)

GRADE	COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS/WEEK		E B to the state of the	PRE-REQUISITES and CO
			LEC	LAB	UNITS	REQUISITES
	CHE 213	Chemical Engineering Calculations**	2	3	2	CHEM 114
ncontinue (Statementus) communicati	MECH 213	Engineering Mechanics	3	<u> </u>	2	THE RESIDENCE OF THE PROPERTY
	MATH 213	Differential Equations	3	<u> </u>	2	PHYS 104
	CHE 215	Organic Chemistry**		3	3	MATH 104
	EDA 213	Engineering Data Analysis	4	3		CHE 125
Anna harvest or popular postures and	RIZAL 001	Rizal's Life and Works	3	U .	3	MATH 124
CONTRACTOR CONTRACTOR AND ADDRESS OF THE PERSON NAMED OF THE PERSO	GEN ED 003	Readings in Philippine History	3	0	3	NONE
erikole; o konnodori era gani beredo	GEN EL 001		3	0	3	NONE
	GENELOUI	People and the Earth's Ecosystems	3	0	3	NONE
CONTRACTOR OF THE STREET, STRE	PE 212	(PATHFIT)Dance, Sport, Group Exercise, Outdoor and Adventure Activities - 1	2	0	2	NONE
		TOTAL	26	6	28	

Note: \*Comp. Course with computer fee, \*\*Course with laboratory fee,

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NELLY L LABRADA Education Supervisor II

Date:

11-29-22



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EVSU Board of Regents Resolution No. 87, s. 2028

#### SECOND YEAR (Second Semester)

GRADE	COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS/WEEK		A A S OF STATE AND	PRE-REQUISITES and CO-
indenistrativa (Middle Andria Van An	ALIF ODD		LEC	LAB	UNITS	REQUISITES
	CHE 223	Momentum Transfer**	2	3	3	CHE 213, MATH 213
	GEN ED 008	Science, Technology, and Society	3	1	3	
	CHE 243	Physical Chemistry for Engineers 1**	2	Anne to the same of the same o		NONE
	CHE 283	Fundamentals of Materials Sci. & Engineering		3	3	CHE 125, MATH 104
COMMUNICATION OF THE PARTY OF T	CHE 263	Advanced Engineering Math in ChE	<u> </u>	0	3	CHE 215
-	CAD 221		3	0	3	MATH 213
***************************************	Control of the Contro	Computer Aided Design*	0	3	1	NONE
	GEN ED 005	Art Appreciation	3	0	3	NONE
	GEN EL 002	Gender and Society	3	n	3	NONE
	PE 222	(PATHFIT) Dance, Sport, Group Exercise, Outdoor and	3	V	3	The state of the s
-	S. Aller Something and S. Edward Market Street Company of the Comp	Adventure Activities - 2	2	<b>V</b>	2	NONE
		TOTAL	21	9	24	

Note: \*Comp. Course with computer fee, \*\*Course with laboratory fee.

THIRD YEAR (First Semester)

GRADE	COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS/WEEK		8 5 8 4 5 mm as.	PRE-REQUISITES and CO
The state of the last and the l	CONTRACTOR		LEC	LAB	UNITS	REQUISITES
en e	CHE 314	Heat and Mass Transfer**	3	S. Commence of the Commence of	A	CHE 223
	EE 313	Basic Electrical and Electronics Engineering**	2	3	2	Constitution of the Consti
	CHE 333	Physical Chemistry for Engineers 2**	2	3	3	PHYS 104
Commercial Control of the Control of	CHF 353	Chemical Engineering Thermodynamics		3	3	CHE 243
Bertino esti fost (st. om on resouprodes	GEN ED 006	Ethics	3	0	3	CHE 243, CHE 213
Department of the second control of the seco	CHF 371	See A Control	3	0	3	3 <sup>rd</sup> Year Standing
		Methods of Research**	0	3	1	CHE 243, CHE 213, GEN ED 001, EDA 213
-	ENV 313	Environmental Science and Engineering	3	^	3	THE PROPERTY OF THE PROPERTY O
	CHE 391	Computer Applications in ChE*	7	V	3	NONE
			<u> </u>	3	1	COMP 121
-	11-1- 41	Comp. Course with computer fee, **Course with laboratory fee	16	15	21	

THIRD YEAR (Second Semester)

COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS/WEEK		HINITS	PRE-REQUISITES and CO-
		LEC	LAB	UNITS	REQUISITES
CHE 344	Chemical Reaction Engineering**	3	3	4	CHE 263, CHE 333, CHE
CHE 321L	Chemical Engineering Lab 1**	0	3	4	No. 2 C
CHE 323	Particle Technology**	2	3	3	CHE 314, CHE 223
CHE 324	The state of the s			3	CHE 223
CHE 363	CONTROL OF THE PROPERTY OF THE	4	3	3	CHE 353, CHE 314
OFIC 303	Unerfilical Process industries	3	0	3	CHE 215
CHE 383	Solution Thermodynamics	3	0	3	CHE 353, CHE 263, CHE 391
CHE 343	Track Specialization 1 (Food and Drug Manufacturing)	3	0	3	1031
ECON 323		3		3	71.0.357
The same of the sa		10		3	Third Year Standing
-	CHE 344  CHE 321L  CHE 323  CHE 324  CHE 363  CHE 383  CHE 343	CHE 344 Chemical Reaction Engineering**  CHE 321L Chemical Engineering Lab 1**  CHE 323 Particle Technology**  CHE 324 Separation Processes**  CHE 363 Chemical Process Industries  CHE 383 Solution Thermodynamics  CHE 343 Track Specialization 1 (Food and Drug Manufacturing)	CHE 344   Chemical Reaction Engineering**   3	CHE 344   Chemical Reaction Engineering**   3   3   3   3	CHE 344         Chemical Reaction Engineering**         3         3         4           CHE 321L         Chemical Engineering Lab 1**         0         3         1           CHE 323         Particle Technology**         2         3         3           CHE 324         Separation Processes**         2         3         3           CHE 363         Chemical Process Industries         3         0         3           CHE 383         Solution Thermodynamics         3         0         3           CHE 343         Track Specialization 1 (Food and Drug Manufacturing)         3         0         3           ECON 323         Engineering Economics         3         0         3

THIRD YEAR (Mid-Year)

GRADE	COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS	UNITS	PRE-REQUISITES and CO-
	CHE 302	Chemical Engineering Immersion	240	2	Passed all previous Professional Subjects
the field of the Continuous Continuous and a minimum printer party of the Continuous Con		TOTAL	240	2	1 TOTOGOTHAT GUDJECTO

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FOURTH YEAR (First Semester)

GRADE	COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS/WEEK		1101500	PRE-REQUISITES and CO-
Charles on the steam annual substitution and			LEC	LAB	UNITS	REQUISITES
PORTONIA SERVICIONA ANTONO EN PROPERTO DE	CHE 412	Chemical Engineering Design 1**	<b>T</b> ec	3	2	CHE 324, CHE 344, CHE 323
Property Control of the Landson	CHE 433	Biochemical Engineering	3	0	3	CHE 344, CHE 215
	CHE 411L	Chemical Engineering Lab 2**	0	3	1	CHE 321L
************	CHE 451L	Chemical Process Lab**	0	3	1	CHE 412
ented the sense transcription of	MGT 412	Engineering Management	2	0	?	FCON 323
NEW contract or co	CHE 471	Chemical Engineering Laws and Ethics	4	0	4	GEN FD 006
	CHE 411	Process Safety	1	0	4	The state of the same of the s
	CHE 413	Track Specialization 2 (Packaging Technologies)	3	0		4th Year Standing CHE 343
The second secon		TOTAL	11	9	14	OTILE 349

Note: \*\*Course with laboratory fee

FOURTH YEAR (Second Semester)

GRADE	COURSE NO.	DESCRIPTIVE THE	NO. OF HOURS/WEEK		E DE EFFE	PRE-REQUISITES and CO-
MONTH OF THE PARTY	-		LEC	LAB	UNITS	REQUISITES
PETERSON SERVICES	CHE 423	Chemical Engineering Design 2**	2	3	3	CHE 412
	CHE 443	Process Dynamics and Control**	2	3	3	CHE 263
****	GEN EL 003	Technopreneurship	3	0	3	MGT 412
	CHE 463	Industrial Waste Management and Control	3	0	3	ENV 313, CHE 323
	CHE 441	Plant Inspections and Seminars**	0	3	4	CHE 412
	CHE 403	Track Specialization 3 (Biotechnology)	3	0	3	CHE 413
**************************************	CHE 402C	Special Topics**	0	6	2	Passed all previous Professional Subjects
M-vinding the Constitution of the Constitution		TOTAL	13	15	18	and a final process of the control o

Note: \*\*Course with laboratory fee.

Note: The nth Year Standing means that the student must have completed at least 75% of the load requirements of the previous year level.

SUMM	ARY OF THE BSChE CU	IRRICULUM	
CLASSIFICATION/FIELD	kretorensk have utversken i 15 de 19 gefet 1900. Ett Oppreis av benedet Ag 12 er ; verstot en men utversyn sie	MINIMUM NUMBER OF UNITS PER CMO 91 s. 2017	EVSU BSCHE CURRICULUM
I TECHNICAL COURSES	TO THE REAL PROPERTY OF THE PR		
A. Mathematics and Physical Sciences	CONTRACTOR OF THE STATE OF THE	20	naka ani ambana na nakanga na isaa na nakanga na nakanga na nakanga na nakanga na nagawan na na na na na na na 22.
B. Basic Engineering Sciences		7	7
C. Allied Courses		22	22
D. Professional Courses		71	73
	SUB TOTAL	120	124
II GENERAL EDUCATION/ELECTIVES/MANDATED COURSES	The second secon		
A. General Education Courses		ritio de titri titi in non reconstruction accessioni si seria hacessi and escribinate escribinari de construction de construct	reneral and the second contract of the second
B. General Electives		9	24
C. Mandated Course		17	17
	SUB TOTAL	nonepinantenneti esta de circia de circia de comencia	en e
III Add-on Courses	ACTION CONTRACTOR SECTION OF THE CONTRACT PROPERTY AND ACTION CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONT	encoding a visition of the demonstrated from the control contr	
A. Mathematics Course	terill egen komport sineni. Maljudige ge vone <mark>den</mark> emisie valorie, jeden kole malenten seden seden seguina.	Procedure Andrews of the Control of	
B. DRR			3
	SUB TOTAL		14
TOTAL NUMBER OF UNITS		170	188

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11-29-2020 Date: .



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CHED Memorandum Order No. 34, s. 2017

EVSU Board of Regents Resolution No. 87, s. 2028

List of Electives, Track Specialization and Add-on Courses

Professional Courses - Elective	Track Specialization	ack Specialization and Add-on Courses  General Education Elective	Contraction of the contraction o
Special Topics	Food and Drug Manufacturing	People and the Earth's Ecosystems	Add-on Courses  Disaster Risk Reduction and Education in Emergencies
	Packaging Technologies	Gender and Society	MATH 113 (College Algebra)
	Biotechnology	Technopreneurship	MATH 133 (Plane and Spherical Trigonometry
	Energy Engineering		MATH 112 (Solid Mensuration)
	Environmental Management Petrochemical Engineering		MATH 153 (Analytic Geometry)
	Paints and Coating Technology	And the state of the second complete date of the state of	
	Materials and Science Engineering		TO THE STATE OF TH
	Technopreneurship	The state of the first of the state of the s	
	Emerging Technologies		

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Date: \_\_\_\_\_ II- 21- 21-